

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/821,796
	Filing Date	April 9, 2004
	First Named Inventor	Kocon, Christopher Boguslaw
	Art Unit	2811
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	018865-011710US

ENCLOSURES (Check all that apply)		
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Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Townsend and Townsend and Crew LLP
Signature	Barmak Sani Reg. No. 45,068
Date	August 13, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
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PATENT
Attorney Docket No.: 018865-011710US
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On

8/16/04



TOWNSEND and TOWNSEND and CREW LLP

By:

Tiffany Wu

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Christopher Boguslaw Kocon

Application No.: 10/821,796

Filed: April 9, 2004

For: SCHOTTKY DIODE USING
CHARGE BALANCE STRUCTURE

Examiner: Unassigned

Art Unit: 2811

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

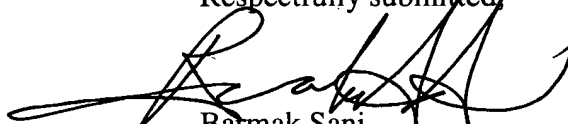
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references, except reference nos. 10, 18, 25, 63, 105, 114, 127, 132, 135-136, 153, 163, 169, 175, 193, 209, 223, 235-236, 238, 279, 283, 287, 291, 298-299, 301-302, 304-307, 310, 314 and 318, can be found in Application No. 10/288,982, filed November 05, 2002 (Attorney Docket No. 018865-011700US). References nos. 279, 283, 287, 291, 298-299, 301-302, 304-307, 310, 314 and 318 are enclosed herewith.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Barmak Sani', is written over the typed name.

Barmak Sani
Reg. No. 45,068

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 11

Complete if Known

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Attorney Docket Number	018865-011710US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-3,404,295	10-01-1968	Warner et al.	
	2	US-3,412,297	11-19-1968	Amlinger	
	3	US-3,497,777	02-24-1970	Teszner et al.	
	4	US-3,564,356	02-16-1971	Wilson	
	5	US-4,003,072	01-11-1977	Matsushita et al.	
	6	US-4,300,150	11-10-1981	Colak	
	7	US-4,326,332	04-27-1982	Kenney et al.	
	8	US-4,337,474	06-29-1982	Yukimoto	
	9	US-4,579,621	04-01-1986	Hine	
	10	US-4,636,281	01-13-1987	Buiguez et al.	
	11	US-4,638,344	01-20-1987	Cardwell, Jr.	
	12	US-4,639,761	01-27-1987	Singer et al.	
	13	US-4,698,653	10-06-1987	Cardwell, Jr.	
	14	US-4,716,126	12-29-1987	Cogan	
	15	US-4,746,630	05-24-1988	Hui et al.	
	16	US-4,754,310	06-28-1988	Coe	
	17	US-4,774,556	09-27-1988	Fujii et al.	
	18	US-4,801,986	01-31-1989	Chang et al.	
	19	US-4,821,095	04-11-1989	Temple	
	20	US-4,823,176	04-18-1989	Baliga et al.	
	21	US-4,853,345	08-01-1989	Himelick	
	22	US-4,868,624	09-19-1989	Grung et al.	
	23	US-4,893,160	01-09-1990	Blanchard	
	24	US-4,914,058	04-03-1990	Blanchard	
	25	US-4,941,026	07-10-1990	Temple	
	26	US-4,967,245	10-30-1990	Cogan et al.	
	27	US-4,974,059	11-27-1990	Kinzer	
	28	US-4,990,463	02-05-1991	Mori	
	29	US-4,992,390	02-12-1991	Hsueh-Rong Chang	
	30	US-5,027,180	06-25-1991	Nishizawa et al.	
	31	US-5,071,782	12-10-1991	Mori	
	32	US-5,072,266	12-10-1991	Buluccea	
	33	US-5,079,608	01-07-1992	Wodarczyk et al.	
	34	US-5,105,243	04-14-1992	Nakagawa et al.	
	35	US 5,111,253	05-05-1992	Korman et al.	
	36	US-5,142,640	08-25-1992	Iwanatsu	
	37	US-5,164,325	11-17-1992	Cogan et al.	
	38	US-5,164,802	11-17-1992	Jones et al.	
	39	US-5,216,275	06-01-1993	Chen	
	40	US-5,219,777	06-15-1993	Kang	
	41	US-5,219,793	06-15-1993	Cooper et al.	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
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Sheet 2	of	11	Attorney Docket Number	018865-011710US	

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	42	US-5,233,215	08-03-1993	Baliga	
	43	US-5,262,336	11-16-1993	Pike, Jr. et al.	
	44	US-5,268,311	12-07-1993	Euen et al.	
	45	US-5,275,965	01-04-1994	Manning	
	46	US-5,294,824	03-15-1994	Okada	
	47	US-5,298,761	03-29-1994	Cogan et al.	
	48	US-5,300,447	04-05-1994	Anderson	
	49	US-5,326,711	07-05-1994	Malhi	
	50	US-5,350,937	09-27-1994	Yamazaki et al.	
	51	US-5,365,102	11-15-1994	Mehrotra et al.	
	52	US-5,366,914	11-22-1994	Takahashi et al.	
	53	US-5,389,815	02-14-1995	Takahashi	
	54	US-5,405,794	04-11-1995	Kim	
	55	US-5,418,376	05-23-1995	Muraoka et al.	
	56	US-5,424,231	06-13-1995	Yang	
	57	US-5,429,977	07-04-1995	Lu et al.	
	58	US-5,430,311	07-04-1995	Murakami et al.	
	59	US-5,430,324	07-04-1995	Bencuya	
	60	US-5,436,189	07-25-1995	Beasom	
	61	US-5,438,215	08-01-1995	Tihanyi	
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	63	US-5,454,435	07-18-1995	Baliga	
	64	US-5,473,176	12-05-1995	Kakumoto	
	65	US-5,473,180	12-05-1995	Ludikhuize	
	66	US-5,474,943	12-12-1995	Hshieh et al.	
	67	US-5,519,245	05-21-1996	Tokura et al.	
	68	US-5,541,425	07-30-1996	Nishihara	
	69	US-5,554,862	09-10-1996	Omura et al.	
	70	US-5,567,634	10-22-1996	Hebert et al.	
	71	US-5,567,635	10-22-1996	Acovic et al.	
	72	US-5,572,048	11-05-1996	Sugawara	
	73	US-5,576,245	11-19-1996	Cogan et al.	
	74	US-5,578,851	11-26-1996	Hshieh et al.	
	75	US-5,581,100	12-03-1996	Ajit	
	76	US-5,583,065	12-10-1996	Miwa	
	77	US-5,592,005	01-07-1997	Floyd et al.	
	78	US-5,595,927	01-21-1997	Chen et al.	
	79	US-5,597,765	01-28-1997	Yilmaz et al.	
	80	US-5,605,852	02-25-1997	Bencuya	
	81	US-5,623,152	04-22-1997	Majumdar et al.	
	82	US-5,629,543	05-13-1997	Hshieh et al.	

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Sheet 3	of	11	Attorney Docket Number	018865-011710US	

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		Number Kind Code ² (if known)			
	83	US-5,637,898	06-10-1997	Baliga	
	84	US-5,639,676	06-17-1997	Hshieh et al.	
	85	US-5,640,034	07-17-1997	Satwinder Malhi	
	86	US-5,648,670	07-15-1997	Blanchard	
	87	US-5,656,843	08-12-1997	Goodyear et al.	
	88	US-5,665,619	09-09-1997	Kwan et al.	
	89	US-5,670,803	09-23-1997	Beilstein, Jr. et al.	
	90	US-5,689,128	11-18-1997	Hshieh et al.	
	91	US-5,693,569	12-02-1997	Ueno	
	92	US-5,705,409	01-06-1998	Witek	
	93	US-5,710,072	01-20-1998	Krauschneider et al.	
	94	US-5,714,781	02-03-1998	Yamamoto et al.	
	95	US-5,719,409	02-17-1998	Singh et al.	
	96	US-5,770,878	06-23-1998	Beasom	
	97	US-5,776,813	07-07-1998	Huang et al.	
	98	US-5,780,343	07-14-1998	Bashir	
	99	US-5,801,417	09-01-1998	Tsang et al.	
	100	US-5,877,528	03-02-1999	So	
	101	US-5,879,971	03-09-1999	Witek	
	102	US-5,879,994	03-09-1999	Kwan et al.	
	103	US-5,895,951	04-20-1999	So et al.	
	104	US-5,895,952	04-20-1999	Darwish et al.	
	105	US-5,897,343	04-27-1999	Mathew et al.	
	106	US-5,897,360	04-27-1999	Kawaguchi	
	107	US-5,900,663	05-04-1999	Johnson et al.	
	108	US-5,906,680	05-25-1999	Meyerson	
	109	US-5,917,216	06-29-1999	Floyd et al.	
	110	US-5,929,481	07-27-1999	Hsieh et al.	
	111	US-5,943,581	08-24-1999	Lu et al.	
	112	US-5,949,104	09-07-1999	D'Anna et al.	
	113	US-5,949,124	09-07-1999	Hadizad et al.	
	114	US-5,959,324	09-28-1999	Kohyama	
	115	US-5,960,271	09-28-1999	Wollesen et al.	
	116	US-5,972,741	10-26-1999	Kubo et al.	
	117	US-5,973,360	10-26-1999	Tihanyi	
	118	US-5,976,936	11-02-1999	Miyajima et al.	
	119	US-5,981,344	11-09-1999	Hshieh et al.	
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	121	US-5,998,833	12-07-1999	Baliga	
	122	US-6,005,271	12-21-1999	Hshieh	
	123	US-6,008,097	12-28-1999	Yoon et al.	

Examiner Signature		Date Considered	
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		Number Kind Code ² (if known)			
	124	US-6,011,298	01-04-2000	Blanchard	
	125	US-6,015,727	01-18-2000	Wanlass	
	126	US-6,020,250	02-01-2000	Kenny et al.	
	127	US-6,034,415	05-07-2000	Johnson et al.	
	128	US-6,037,202	03-14-2000	Witek	
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	130	US-6,037,632	03-14-2000	Omura et al.	
	131	US-6,040,600	03-21-2000	Uenishi et al.	
	132	US-6,048,772	04-11-2000	D'Anna	
	133	US-6,049,108	04-11-2000	Williams et al.	
	134	US-6,057,558	05-02-2000	Yamamoto et al.	
	135	US-6,063,678	05-16-2000	D'Anna	
	136	US-6,064,088	05-16-2000	D'Anna	
	137	US-6,066,878	05-23-2000	Neilson	
	138	US-6,081,009	06-27-2000	Neilson	
	139	US-6,084,264	07-04-2000	Darwish	
	140	US-6,084,268	07-04-2000	de Frésart et al.	
	141	US-6,087,232	07-11-2000	Kim et al.	
	142	US-6,096,608	08-01-2000	Williams	
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	144	US-6,103,578	08-15-2000	Uenishi et al.	
	145	US-6,104,054	08-15-2000	Corsi et al.	
	146	US-6,110,799	08-29-2000	Huang	
	147	US-6,114,727	09-05-2000	Ogura et al.	
	148	US-6,137,152	10-24-2000	Wu	
	149	US-6,150,697	11-21-2000	Teshigahara et al.	
	150	US-6,156,606	12-05-2000	Michaelis	
	151	US-6,156,611	12-05-2000	Lan et al.	
	152	US-6,163,052	12-19-2000	Liu et al.	
	153	US-6,165,870	12-26-2000	Shim et al.	
	154	US-6,168,983	01-02-2001	Rumennik et al.	
	155	US-6,168,996	01-02-2001	Numazawa et al.	
	156	US-6,171,935	01-09-2001	Nance et al.	
	157	US-6,174,773	01-16-2001	Fujishima	
	158	US-6,174,785	01-16-2001	Parekh et al.	
	159	US-6,184,545	02-06-2001	Werner et al.	
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	161	US-6,188,104	02-13-2001	Choi et al.	
	162	US-6,188,105	02-13-2001	Kocon et al.	
	163	US-6,190,978	02-20-2001	D'Anna	
	164	US-6,191,447	02-20-2001	Baliga	

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	165	US-6,198,127	03-06-2001	Kocon	
	166	US-6,201,279	03-13-2001	Pfirsch	
	167	US-6,204,097	03-20-2001	Shen et al.	
	168	US-6,207,994	03-27-2001	Rumennik et al.	
	169	US-6,222,233	04-24-2001	D'Anna	
	170	US-6,225,649	05-01-2001	Minato	
	171	US-6,228,727	05-08-2001	Lim et al.	
	172	US-6,239,464	05-29-2001	Tsuchitani et al.	
	173	US-6,265,269	07-24-2001	Chen et al.	
	174	US-6,271,100	08-07-2001	Ballantine et al.	
	175	US-6,271,552	08-07-2001	D'Anna	
	176	US-6,271,562	08-07-2001	Deboy et al.	
	177	US-6,274,904	08-14-2001	Tihanyi	
	178	US-6,274,905	08-14-2001	Mo	
	179	US-6,277,706	08-21-2001	Ishikawa	
	180	US-6,285,060	09-04-2001	Korec et al.	
	181	US-6,291,298	09-18-2001	Williams et al.	
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	183	US-6,294,818	09-25-2001	Fujihira	
	184	US-6,297,534	10-02-2001	Kawaguchi et al.	
	185	US-6,303,969	10-16-2001	Tan	
	186	US-6,307,246	10-23-2001	Nitta et al.	
	187	US-6,309,920	10-30-2001	Laska et al.	
	188	US-6,313,482	11-06-2001	Baliga	
	189	US-6,326,656	12-04-2001	Tihanyi	
	190	US-6,337,499	01-08-2002	Werner	
	191	US-6,346,464	02-12-2002	Takeda et al.	
	192	US-6,346,469	02-12-2002	Greer	
	193	US-6,351,018	02-26-2002	Sapp	
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	195	US-6,359,308	03-19-2002	Hijzen et al.	
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			Examiner Name	Unassigned	
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		Number Kind Code ² (if known)			
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	240	DE	19736981	A1	08-20-1998	Mitsubishi Denki		<input checked="" type="checkbox"/>
	241	EP	0747967	B1	02-27-2002	ST Microelectronics Inc.		<input type="checkbox"/>
	242	EP	0975024	A2	01-02-2000	Fuji Electric Co. LTD.		<input type="checkbox"/>
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	267	PCT	WO 00/68997	A1	11-16-2000	C.P. Clare Corporation		<input type="checkbox"/>
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	274	PCT	WO 01/71815		09-27-2001	Koninklijke Philips Electronics		<input type="checkbox"/>
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	278	PCT	WO 02/047171	A1	06-13-2002	International Rectifier Corporation		<input type="checkbox"/>
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